



RE: upper and lower Hyalite sampling
Lisa Kusnierz to: Yashan, Dean

03/21/2012 09:31 AM

Reese Creek

Lisa Kusnierz
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"Yashan, Dean"

[What stream were you thinking of delisting \(5-1\)...](#)

03/21/2012 09:29:27 AM

From: "Yashan, Dean" <DYashan@mt.gov>
To: Lisa Kusnierz/MO/R8/USEPA/US@EPA
Date: 03/21/2012 09:29 AM
Subject: RE: upper and lower Hyalite sampling

[What stream were you thinking of delisting \(5-1\) for sediment in Lwr Gallatin?](#)

From: Lisa Kusnierz [mailto:Kusnierz.Lisa@epamail.epa.gov]
Sent: Tuesday, March 20, 2012 5:10 PM
To: Makarowski, Kathryn
Cc: Schmidt, Christian; Kron, Darrin; Yashan, Dean
Subject: Re: upper and lower Hyalite sampling

Hi Katie,

I wrapped up what I was working on this morning and was able to review all of your emails today. This email covers all of the project areas a bit but I'm sending a separate response for each sampling area to help you track things more easily.

For the Hyalite sampling, the inclusion of the middle segment instead of the lower segment in the work plan was an oversight - the proposed sampling segments should correspond to our data needs, so we will plan to sample the upper and lower segments.

Although we only need 1 macro sample on upper Hyalite and 3 chlorophyll/AFDW samples on both the upper and lower segments, I included all sites during one event in the work plan to make it simpler for Atkins to track from a sampling perspective. So, we should have more than enough biological data.

Given the litigation that has been occurring in this watershed as well as the benefits of collecting data over multiple field seasons, Dean and I decided that it would make more sense to split the sampling over 2 seasons (2012 and 2013). Based on the end date for our current contract, I could not include sampling for next year in the work plan. For Hyalite, as well as the Tobacco and Yaak, our plan is to complete sampling next year. With the exception of the EPA 2013 sampling in Hyalite, it looks like this and our DEQ monitoring support needs was indicated in the WMS_MAS_2104 TMDL Support Needs document Dean and Darrin developed. If your group has talked to Dean and DEQ has a preference to complete all sampling this year, we do not currently have the funding or sampling availability through Atkins to do a third visit this year, so we would definitely need your sampling assistance. Otherwise, if you are

comfortable continuing with things as planned, EPA will plan to complete the sampling in this area next field season.

I noticed your spreadsheet only has sites identified for the upper segment. Do you have site locations picked out for the lower segment or do you plan to pick sites? We usually leave it up to the contractor but have final review/approval but if there is a preference for us picking the sites, we have that option too.

Lisa

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▼ "Makarowski, Kathryn" ---03/07/2012 11:55:47 AM---Sorry - here's the attachment Hi Lisa,

From: "Makarowski, Kathryn" <kmkarowski@mt.gov>
To: Lisa Kusnierz/MO/R8/USEPA/US@EPA
Cc: "Schmidt, Christian" <CSchmidt2@mt.gov>, "Kron, Darrin" <dkron@mt.gov>
Date: 03/07/2012 11:55 AM
Subject: upper and lower Hyalite sampling

Sorry – here's the attachment

Hi Lisa,

Christian and I put together a proposed sampling plan on upper and lower Hyalite Creek. I believe I included all the information you need for the tables you've been using in your SAP in the same format. Please let us know your thoughts when you've had a moment to review this.

Please also read and consider the comments in red.

Also, we need to address the question in yellow on the spreadsheet. "Since we need 12 samples on upper Hyalite, it would be ideal to have the 4 sites listed above visited each 3 times. My understanding is that for most projects this summer EPA is planning to have contractors visit sites only 2 times each. Is it possible for EPA contractors to make a third visit to these 4 sites on Upper Hyalite? If not, we will need to discuss who from DEQ is going to make an additional third visit to these sites!"

Thanks,
Katie Makarowski
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[attachment "Hyalite_FS2012_sampling_plan.xlsx" deleted by Lisa Kusnierz/MO/R8/USEPA/US]